WOODCRAFT Technologies, Inc.

Ninja 650 Clipon Installation Instructions

WARNING Installation and use of some Woodcraft Technologies, Inc. products will change the response of the motorcycle to rider control inputs. Failure of the rider to adapt to these changes may cause loss of control, and serious injury or death. Improper installation, and/or failure to comply with all warnings and instructions may cause loss of control and serious injury or death. **DO NOT INSTALL OR USE ANY WOODCRAFT TECHNOLOGIES, INC. PRODUCTS IF YOU ARE UNABLE TO DO SO IN COMPLIANCE WITH ALL INSTRUCTIONS AND WARNINGS. SEEK THE ASSISTANCE OF AN EXPERIENCED TECHNICIAN.**

1) Completely remove your stock grips, controls and clipon assembly.
2) Most OEM controls have anti rotation pins, which require you to drill holes in the handlebars for proper installation. Measure the diameter of the holes in the stock handlebars and select the appropriate drill bit.
3) Slide the controls loosely into place, noting that the grips should end right where the plastic end plug meets the aluminum. Mark the location for the anti rotation pins and drill the holes for them. Test the control assemblies to be sure that they are able to be securely tightened and that everything moves freely.
4) Remove the four clamping bolts on each clipon and secure the main clipon body on the fork tube. Use the aluminum spacers and the button head bolts on the inside bolts that will sit against the post sticking down from the triple clamp. Install the handlebar and controls onto each clipon.



This picture shows a left clipon assembly. They are installed generally face up (although this is not 100% mandatory). The Left clipon will have the pocket on the Left side of the clamp.

5) Sit on the motorcycle and orient the bars in the position that you are most comfortable. Snug them in place and then rotate the handlebars lock to lock.

WARNING - VERY IMPORTANT : Ensure that the cables, hoses and all control parts do not contact any part of the motorcycle and that you have full ability to manipulate the controls throughout the entire range of steering. Also, be sure that the throttle returns freely after being fully opened throughout the entire range of steering. **FAILURE TO HEED THESE WARNINGS MAY CAUSE LOSS OF CONTROL OF MOTORCYCLE AND SERIOUS INJURY OR DEATH. DO NOT OPERATE THE MOTORCYCLE IF THERE ARE ANY INTERFERENCE ISSUES WITH EITHER THE MOTORCYCLE PARTS OR YOUR BODY, OR WITH A THROTTLE THAT DOES NOT RETURN FREELY.**

6) Spin the clipon bars towards the tank so that you can reach the two button head bolts that are pinching the aluminum spacer and torque them completely. Rotate the bars back into place and then fully tighten the two rear clipon bolts. Tighten top bolt, then the bottom bolt, and then retighten the top bolt and bottom bolt again. Finally, tighten the pinch bolt for the handlebar.

IMPORTANT : After tightening all fasteners according to instructions, and to industry-standard torque specifications, attempt to force each unit to slip on fork tube. **ANY ABILITY OF CLIP-ON TO SLIP MAY CAUSE LOSS OF CONTROL OF MOTORCYCLE AND SERIOUS INJURY OR DEATH. DO NOT OPERATE MOTORCYCLE WITH A SLIPPING CLIP-ON.**

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